## **EAST Search History**

## EAST Search History (Prior Art)

| Ref# | Hits | Search Query   | DBs   | Default<br>Operator | Plurals | Time Stamp          |
|------|------|--|---|---------------------|---------|---------------------|
| L1   | 1    | ("7111005").PN.  | US-PGPUB;<br>USPAT                                      | OR                  | OFF     | 2009/11/20<br>09:27 |
| L2   | 9    | ("5052040"   "5311595"  <br>"5751949"   "5924094"  <br>"6185681"   "6292899"  <br>"6564225").PN. OR ("7111005").<br>URPN.                          | US-PGPUB;<br>USPAT; USOCR                               | OR                  | ON      | 2009/11/20<br>09:27 |
| L3   | 32   | "6584567"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2009/11/20<br>09:29 |
| L4   | 65   | "705"/\$.cols. and (sensitive near<br>data) same transaction and<br>@ad< "20010104"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2009/11/20<br>09:40 |
| L5   | 47   | "705"/\$.ccls. and database and<br>(sensitive near data) same<br>transaction and<br>@ad< "20010104"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2009/11/20<br>09:41 |
| L6   | 43   | "705"/\$.ccls. and database and<br>(encrypt\$3 hash\$3) and<br>(sensitive near data) same<br>transaction and<br>@ad<"20010104"                     | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2009/11/20<br>09:41 |
| L7   | 22   | "705"/\$.ccis. and database and (encrypt\$3 hash\$3) and (prox\$3 appliance gateway) and (sensitive near data) same transaction and @ad<"20010104" | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2009/11/20<br>09:42 |
| L9   | 2107 | 705/26-27.ccls. and<br>@ad<"20010104"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2009/11/20<br>10:28 |
| L10  | 5    | 09/747666  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2009/11/20<br>10:30 |
| L11  | 54   | 705/26-27.ccls. and<br>@ad<"20010104" and (encrypt<br>\$3 with sensitive)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2009/11/20<br>10:44 |

| L12 | 14  | 705/26-27.ccls, and<br>@ad<"20010104" and (encrypt<br>\$3 with sensitive) and<br>transparent  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON | 2009/11/20<br>10:44 |
|-----|-----|---|--|----|----|---------------------|
| L13 | 178 | @ad<"20010104" and (encrypt<br>\$3 with sensitive) and<br>transparent and transaction   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON | 2009/11/20<br>10:50 |
| L14 | 134 | @ad<"20010104" and (encrypt<br>\$3 with sensitive) and<br>transparent and transaction and<br>web  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON | 2009/11/20<br>10:50 |
| L15 | 125 | @ad<"20010104" and (encrypt<br>\$3 with sensitive) and<br>transparent and transaction and<br>web and retriev\$3   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON | 2009/11/20<br>10:51 |
| L16 | 28  | @ad<"20010104" and (encrypt<br>\$3 with sensitive) and<br>transparent and transaction and<br>web and retriev\$3 and cookie  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON | 2009/11/20<br>10:51 |
| L17 | 11  | (retriev\$3 near3 (encrypt\$3 adj<br>(password sensitive)) with<br>server)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON | 2009/11/20<br>12:11 |
| L18 | 39  | (retriev\$3 with ((encrypt\$3 hash<br>\$3) adj (password sensitive))<br>with server)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON | 2009/11/20<br>12:18 |
| L19 | 10  | (retriev\$3 with ((encrypt\$3 hash<br>\$3) adj (password sensitive))<br>with server) and<br>@ad<"20010104"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON | 2009/11/20<br>12:18 |
| S6  | 42  | (\$2crypt\$3 encod\$3 decod\$3<br>\$2cipher\$3 \$2cypher\$3<br>\$2scrambl\$3 with sensitive adj<br>data) and (ssl https) and<br>(compression contraction adj<br>function message digest<br>fingerprint cryptographic adj<br>operation checksum) and (hash<br>\$3 same function) and (quer\$2<br>request\$3 password\$2) and<br>"713"(193.cds. | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/04<br>17:41 |

| S10 | 224 | (\$2crypt\$3 encod\$3 decod\$3<br>\$2chper\$5 \$2crypher\$3<br>\$2scrambl\$3 with sensitive add<br>data) and (sel https) and<br>(compression contraction adj<br>function message digest<br>fingerprint cryptographic adj<br>operation checksum) and (hash<br>adj function) and (transaction<br>adj quer\$2 request\$3 with<br>password\$1 | US-PAPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR |    | 2005/06/30<br>13:00 |
|-----|-----|---|--|----|----|---------------------|
| S11 | 699 | (\$2crypt\$3 encod\$3 decod\$3<br>\$2cipper\$3 \$2cypher\$3<br>\$2scrambl\$3 with sensitive adj<br>data) and (ssl https) and (hash<br>adj function) and (quer\$<br>request with password)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/30<br>13:07 |
| S12 | 591 | (\$2crypt\$3 encod\$3 deood\$3<br>\$2chper\$3 \$2copher\$3<br>\$2scrambl\$3 with data) and (ssl<br>https) and (compression<br>contraction adj function) and<br>(cryptographic checksum adj<br>function with cookie\$1) and<br>(hash\$3 function) and (quer\$2<br>request\$3 password\$1)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/30<br>13:13 |
| S13 | 216 | [\$2crypt\$3 encod\$3 decod\$3<br>\$2chper\$3 \$2cypher\$3<br>\$2erambl\$3 with data) and (ssl<br>https) and (compression<br>contraction and function) and<br>(cryptographic checksum adj<br>function with cookie\$1) and<br>(hash\$3 function) and (quer\$2<br>request\$3 passwor\$1) and<br>"713"\\$cols.                               | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/30<br>13:26 |
| S14 | 16  | (\$2crypt\$3 encod\$3 deod\$3<br>\$2chper\$3 \$2cypher\$3<br>\$2esrambl\$3 with data) and (ssl<br>https) and (compression<br>contraction and function) and<br>(cryptographic checksum adj<br>function with cookie\$1) and<br>(hash\$3 function) and (quer\$2<br>request\$3 password\$1) and<br>"713"(193.cds.                             | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/30<br>13:27 |
| S15 | 278 | (\$2crypt\$3 encod\$3 decod\$3<br>\$2chper\$3 \$2cpher\$3<br>\$2scrambl\$3 with data) and (ssl<br>https with network) and<br>(cryptographic checksum adj<br>function) and (hash\$3 adj<br>function) and (transaction adj<br>request query)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/01<br>16:48 |

| S16 | 2   | (\$2crypt\$3 encod\$3 decod\$3<br>\$2chper\$3 \$2cypher\$3<br>\$2scrambis\$0 with data) and (ssl<br>https with network) and<br>(cryptographic checksum adj<br>function) and (hash\$3 adj<br>function with cookie\$1) and<br>(transaction adj request query)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR |    | 2005/06/30<br>14:17 |
|-----|-----|--|--|----|----|---------------------|
| S17 | 2   | (\$2crypt\$3 encod\$3 decod\$3<br>\$2chper\$\$ \$2copher\$3<br>\$2scrambl\$3 with data) and (ssl<br>https with network) and<br>(cryptographic checksum adj<br>function) and (hash\$3 adj<br>function with cookie) and<br>( transaction adj request query)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/30<br>14:17 |
| S18 | 603 | (\$2crypt\$3 encod\$3 decod\$3<br>\$2chper\$3 \$2cypher\$3<br>\$2scrambl\$3 with data) and (ssl<br>https with network) and<br>(cryptographic checksum adj<br>function) and (hash\$3 adj<br>function with cookle password)<br>and (transaction adj request<br>query)                                    | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/30<br>17:15 |
| S19 | 18  | (\$2crypt\$3 encod\$3 decod\$3<br>\$2cihper\$3 \$2cypher\$3<br>\$2scrambi\$3 with data) and (ssl<br>https with network) and<br>(cryptographic checksum adj<br>function) and (hash\$3 adj<br>function with password) and<br>(t transaction adj request query)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/30<br>14:31 |
| S20 | 18  | (\$2crypt\$3 encod\$3 decod\$3<br>\$2chper\$\$ \$2cpyher\$3<br>\$2sorambi\$3 with data) and (ssl<br>https with network) and<br>(cryptographic checksum adj<br>function) and (hash\$3 adj<br>function with password) and<br>( transaction adj request query)<br>and (data with personal<br>information) | US-PCPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/30<br>14:32 |
| S22 | 163 | (\$2crypt\$3 encod\$3 decod\$3<br>\$2chper\$3 \$2cypher\$3<br>\$2scrambi58 with data) and (ssl<br>https with network) and<br>(cryptographic checksum adj<br>function) and (hash\$3 adj<br>function with cookle password)<br>and (transaction adj request<br>query) and "705"/\$.cds.                   | US PCPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/01<br>16:38 |

| S23  | 6     | (\$2crypt\$3 encod\$3 decod\$3<br>\$2cihper\$3 \$2cypher\$3<br>\$2scrambl\$3 with data) and (ssl<br>https with network) and<br>(cryptographic checksum adj<br>function with cookie\$1) and<br>(hash\$3 adj function with<br>password) and ( transaction adj<br>request query) and "7057'\$.cds. | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/07/01<br>16:40 |
|------|-------|---|--|----|-----|---------------------|
| S24  | 277   | (\$2crypt\$3 encod\$3 decod\$3<br>\$2cihper\$3 \$2cpher\$3<br>\$2scrambi\$3 with data) and (ssl<br>https with network) and<br>(cryptographic checksum adj<br>function with cookie\$) and (hash<br>\$3 adj function) and<br>(transaction adj request query)                                      | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/07/01<br>16:51 |
| S25  | 162   | (\$2crypt\$3 encod\$3 decod\$3<br>\$2cihper\$3 \$2copher\$3<br>\$2scrambl\$3 with data) and (ssl<br>https with network) and<br>(crytographic checksum adj<br>function with cookie\$) and (hash<br>\$3 adj function) and<br>(transaction adj request query)<br>and tag                           | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/11/09<br>11:24 |
| S26  | 26    | (DETERMIN\$4 NEAR5<br>(SENSITIVE ADJ DATA))   | USPAT; EPO;<br>JPO; DERWENT                                    | OR | ON  | 2007/01/05<br>12:14 |
| S27  | 3     | (DETERMIN\$4 NEAR5<br>(SENSITIVE ADJ DATA)) AND<br>(\$2CRYPT\$3 NEAR3 (SENSITIVE<br>ADJ DATA))  | USPAT; EPO;<br>JPO; DERWENT                                    | OR | ON  | 2005/12/22<br>09:18 |
| S28  | 1     | ("6598167").PN.   | USPAT  | OR | OFF | 2005/12/23<br>14:21 |
| 329  | 133   | ((modif\$4 chang\$3 edit\$4 add<br>\$3) with ((configur\$3 detect\$3<br>cookie)adj file\$1))  | USPAT; EPO;<br>JPO; DERWENT                                    | OR | ON  | 2005/12/23<br>17:21 |
| \$30 | 2     | S29 and ((determin\$3 check\$3 identif\$4 verif\$\$) same ((sensitive personal) adj (information data)))  | USPAT; EPO;<br>JPO; DERWENT                                    | OR | ON  | 2005/12/23<br>17:22 |
| 531  | 16383 | (\$2crypt\$3 encod\$3 decod\$3<br>\$2cinper\$3 \$2cypher\$3<br>\$2scrambl\$3 with data) and (ssl<br>https) and (compression<br>contraction adj function<br>message digest fingerprint<br>cryptographic checksum) and<br>(hash\$3 key) and (quer\$2<br>request\$3 password\$2)                   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OX  | 2005/12/23<br>17:24 |

| S32 | 2116 | (\$2crypt\$3 encod\$3 decod\$3<br>\$2clpper\$\$ \$2cprypher\$3<br>\$2scramb\\$2 with data) and (ssl<br>https) and (compression<br>contraction adj function<br>message digest fingerprint<br>cryptographic checksum) and<br>(hash\$3 key) and (quer\$2<br>request\$3 password\$2) and<br>"713"\Sol  | US-PCPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR | ON | 2005/12/23<br>17:24 |
|-----|------|--|---|----|----|---------------------|
| S33 | 693  | (\$2cvypl\$3 encod\$3 decod\$3<br>\$2cipper\$3 \$2cypher\$3<br>\$2scrambl\$3 with data) and (sal<br>https) and (compression<br>contraction adj function<br>message digest fingerprint<br>cryptographic checksum) and<br>(hash\$3 same function) and<br>(quer\$2 request\$3 password\$2)<br>and "713",5 cds.                                  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DEFWENT;<br>IBM_TDB  | OR | ON | 2005/12/23<br>17:24 |
| S34 | 683  | (\$2crypt\$3 encod\$3 decod\$3<br>\$2chper\$\$ \$2cpyher\$3<br>\$2scrambl\$3 with data) and (ssl<br>https) and (compression<br>contraction adj function<br>message digest fingerprint<br>cryptographic adj operation<br>checksum) and (hash\$3 same<br>function) and (quer\$2 request<br>\$3 password\$2) and "713"/\$.<br>ocls.             | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR | ON | 2005/12/23<br>17:24 |
| S35 | 683  | (\$2crypt\$3 encod\$3 decod\$3<br>\$2cihper\$3 \$2cypher\$3<br>\$2scrambi5s with sensitive adj<br>data) and (ssl https) and<br>(compression contraction adj<br>function message digest<br>fingerprint cryptographic adj<br>operation checksum) and (hash<br>\$3 same function) and (quer\$2<br>request\$3 password\$2) and<br>"713"/\$ cods. | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR | ON | 2005/12/23<br>17:24 |
| S36 | 511  | (\$2crypt\$3 encod\$3 decod\$3<br>\$2cihper\$3 \$2crypher\$3<br>\$2ecrambis3 with sensitive adj<br>data) and (ssl https) and<br>(compression contraction adj<br>function message digest<br>fingerprint cryptographic adj<br>operation checksum) and (hash<br>\$3 adj function with key<br>nonkey) and (quer\$2 request\$3<br>password\$2)    | US-PCPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DCF; WPO;<br>IBM_TDB | OR | ON | 2005/12/23<br>17:24 |

| S37 | 511  | (\$2crypt\$3 encod\$3 decod\$3<br>\$2chper\$\$\$\$2cypher\$3<br>\$2scrambl\$\$ with sensitive adj<br>data) and (ssl https) and<br>(compression contraction adj<br>function message digest<br>fingerprint cryptographic adj<br>operation checksum) and (hash<br>\$3 adj function with key<br>nonkey) and (quer\$2 request\$3<br>password\$2) and (network with<br>third-party same\$2 system) | US POPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DEPWENT;<br>IBM_TDB | OR | ON | 2005/12/23<br>17:28 |
|-----|------|--|--|----|----|---------------------|
| S38 | 1387 | (\$2crypt\$3 encod\$3 decod\$3<br>\$2chper\$\$ \$2copher\$3<br>\$2scrambl\$3 with sensitive adj<br>data) and (ssl https) and<br>(compression contraction adj<br>function message digest<br>fingerprint cryptographic adj<br>operation checksum) and (hash<br>adj function) and (quer\$2<br>request\$5 password\$2)   | US POPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/23          |
| S39 | 37   | (pattern adj match\$3 adj<br>expression)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON | 2007/01/05<br>12:30 |
| S40 | 1    | expression with (identif\$4 adj<br>sensitive adj data)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON | 2006/07/07<br>11:19 |
| S41 | 1    | (identif\$4 adj sensitive adj data)<br>with expression   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON | 2006/07/07<br>10:14 |
| S42 | 18   | (identif\$4 adj sensitive adj data)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON | 2006/07/07<br>10:14 |
| S43 | 21   | ("4531527"   "4588991"   "4712562"   "4888975"   "5012411"   "5313521"   "5418951"   "5553146"   "5606315"   "5706365"   "5772585"   "5862223"   "5846255"   "5862223"   "5846650"   "5903721"   "5903889"   "5903721"   "5903202"   "6230272") P.N.   | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON | 2006/07/07<br>11:19 |
| S44 | 4    | (filter\$3 with ((key adj word\$1)<br>expression pattern\$3)) same<br>(sensitive adj (information<br>data))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON | 2006/07/07<br>11:21 |

| S45 | 10018    | expression with sensitive   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/07<br>11:31 |
|-----|----------|---|---|----|----|---------------------|
| S46 | 18       | expression with (sensitive adj<br>(data information))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/07<br>11:46 |
| S50 | 9        | (query adj field) with expression   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/07<br>12:38 |
| S52 | 14972501 | us "2000196096"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/07<br>12:40 |
| S54 | 2        | "2000196096"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/07<br>12:40 |
| S62 | 608      | (determin\$3 identif\$3) with<br>(sensitive adj (data<br>information))                                      | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/07<br>12:59 |
| S63 | 19       | (determin\$3 identif\$3) with<br>(sensitive adj (data<br>information)) with (expression<br>pattern keyword) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/07<br>13:08 |
| S65 | 5        | apply\$3 with expression same identif\$5 with sensitive   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/07<br>13:09 |
| S66 | 17526    | (request\$3 quer\$3) with<br>(expression pattern sensitive)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/07<br>13:12 |
| S67 | 15       | (request\$3 quer\$3) with<br>(expression and pattern and<br>sensitive)                                      | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/07<br>20:42 |
| S68 | 1        | (request\$3 quer\$3) with<br>(expression and pattern and<br>sensitive) and encrypt\$3                       | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/07<br>13:19 |

| S69 | 756   | (identif\$5 determin\$4 verif\$4)<br>with ((sensitive personal) with<br>(information data)) same<br>(encrypt\$3 encipher\$3 encod<br>\$3) and (payload transaction\$1)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/07<br>13:54 |
|-----|-------|--|---|----|----|---------------------|
| S70 | 456   | (identif\$5 determin\$4 verif\$4)<br>with ((sensitive personal) with<br>(information data)) same<br>((encrypt\$3 encipher\$3 encod<br>\$3) with (sensitive personal)<br>with (information data)) and<br>(payload transaction\$1)                   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/07<br>13:55 |
| S71 | 145   | (identif\$5 determin\$4 verif\$4) with ((sensitive personal) with (information data)) same ((encrypt\$3 encipher\$3 encod \$3) with (sensitive personal) with (information data)) and (payload transaction\$1) and (ssl lts https)                 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/07<br>13:55 |
| S72 | 12    | (identif\$5 determin\$4 verif\$4) with ((sensitive personal) with (information data)) same ((encrypt\$3 encipher\$3 encod \$3) with (sensitive personal) with (information data)) and (payload transaction\$1) and (ssl its https) and @ay< "2000" | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/05<br>12:42 |
| S74 | 11    | payload same ((sensitive<br>personal) adj data) same<br>encrypt\$3   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/07<br>15:13 |
| S75 | 24    | (gateway proxy) same payload<br>and (encrypt\$3 with (sensitive<br>personal))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/07<br>15:16 |
| S76 | 28    | (gateway proxy firewall) same<br>payload and (encrypt\$3 with<br>(sensitive personal))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/07<br>15:18 |
| S77 | 10486 | (payload transaction) with (sensitive personal)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/07<br>15:19 |
| S78 | 9     | (payload transaction) with<br>(sensitive personal) same<br>(match\$3 adj (engine module<br>unit))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/07<br>15:22 |

| S79 | 110  | (payload transaction) with<br>(sensitive personal) and (match<br>\$3 adj (engine module unit))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB  | OR   | ON  | 2006/07/07<br>15:22 |
|-----|------|---|--|------|-----|---------------------|
| S80 | 21   | (payload transaction) with<br>(sensitive personal) and (match<br>\$3 adj (engine module unit))<br>and @ay< "2000"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB  | OR   | ON  | 2006/07/07<br>15:22 |
| S81 | 1    | ("6105012").PN.   | USPAT  | OR   | OFF | 2006/07/07<br>20:35 |
| S82 | 1    | ("5923756").PN.   | USPAT  | OR   | OFF | 2006/07/07<br>20:35 |
| S83 | 1    | ("6598167").PN.   | USPAT  | OR   | OFF | 2006/07/07<br>20:38 |
| S86 | 1723 | (identify\$3 with ((sensitive<br>personal) adj (information<br>data)))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB  | OR   | ON  | 2006/07/07<br>20:45 |
| S87 | 3    | (identify\$3 with ((sensitive<br>personal) adj (information<br>data))) with expression  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB  | OR   | ON  | 2006/07/07<br>20:45 |
| S88 | 29   | (identify\$3 with ((sensitive<br>personal) adj (information<br>data))) same matching  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB  | OR   | ON  | 2006/07/07<br>20:46 |
| S89 | 105  | ["20020012473"   "20020016911"   "20020016911"   "20020039420" "2002006038"   "20020039420"   "20020073232"   "20020011216"   "20030011216"   "2003001955"   "2003001955"   "20030126571"   "20030126571"   "20030126571"   "2003012725"   "4964164"   "5222133"   "4964164"   "5222133"   "4964164"   "5222133"   "5557712"   "5734744"   "5557712"   "5764255"   "5828832"   "6012198"   "6061448"   "6073242"   "601598"   "6061448"   "6073242"   "601598"   "6061448"   "6073242"   "601598"   "6081468"   "603257"   "621678"   "621257"   "621672"   "6233665"   "6210212"   "62303365"   "63370330" | US-PGPUB;<br>US-PAT; EPO;<br>JPO;<br>DEFWENT;<br>IBM_TDB | OR . | ON  | 2006/08/16          |

|     | *************************************** | "6477646"   "6578061"  <br>"6587866"   "6598167"  <br>"6621505"   "6757823"  <br>"6763459"   "6785810"  <br>"6874089"   "6886095"  <br>"6963980"   "6990660").PN.  |  | *************************************** | *************************************** | nementation de la constitución d |
|-----|---|--|--|---|---|--|
| S90 | 9                                       | (payload transaction) with<br>(sensitive personal) same<br>(match\$3 adj (engine module<br>unit))  | US PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | OR                                      | ON                                      | 2006/08/18<br>16:00  |
| 591 | 982                                     | (\$2crypt\$3 encod\$3 decod\$3<br>\$2chper\$5 \$2cypher\$3<br>\$2scrambl\$5 with data) and (ssl<br>https) and (compression<br>contraction adj function) and<br>(cryptographic checksum adj<br>function with cookie\$1) and<br>(hash\$3 function) and (quer\$2<br>request\$5 password\$1)       | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DEEWENT;<br>IBM_TDB | OR                                      | 0N                                      | 2007/01/04<br>17:44  |
| 392 | 21                                      | ("4531527"   "4588991"   "4712562"   "4838275"   "5012411"   "5313521"   "5418951"   "5553146"   "5606315"   "5706365"   "5772585"   "58062223"   "5846285"   "5862223"   "58945251"   "5903899"   "5903721"   "5903889"   "6200272"), PN.   | US-PGPUB;<br>USPAT; USOCR                                      | OR                                      | ON                                      | 2007/01/04<br>18:09  |
| S93 | 17                                      | determine with (encrypted<br>sensitive) with portion same<br>(message packet) and @ay<br><="2000"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | OR                                      | ON                                      | 2007/01/04<br>18:10  |
| 594 | 12                                      | (\$2crypt\$3 encod\$3 decod\$3<br>\$2cihper\$3 \$2crypher\$3<br>\$2scrambl\$5 with data) and (ssl<br>https with network) and<br>(cryptographic checksum adj<br>function with cookie\$1) and<br>(hash\$3 adj function with<br>password) and (transaction adj<br>request query) and "7057\$.cds. | US PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                                      | ON                                      | 2007/01/04<br>18:10  |
| S95 | 3                                       | (DETERMIN\$4 NEAR5<br>(SENSITIVE ADJ DATA)) AND<br>(\$2CRYPT\$3 NEAR3 (SENSITIVE<br>ADJ DATA))   | USPAT; EPO;<br>JPO; DERWENT                                    | OR                                      | ON                                      | 2007/01/04<br>18:11  |
| 396 | 23                                      | (determin\$3 identif\$3) with<br>(sensitive adj (data<br>information)) with (expression<br>pattern keyword)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB        | OR                                      | ON                                      | 2007/01/05<br>10:19  |
| S97 | 6                                       | ("20030037138"  <br>"20030218627"   "5508690"  <br>"5805911"   "6442607"  <br>"6795856").PN.   | US-PGPUB;<br>USPAT; USOCR                                      | OR                                      | ON                                      | 2007/01/05<br>10:26  |

| S98  | 17   | ("5126728"   "5345553"  <br>"5734749"   "5781632"  <br>"5835722"   "5850446"  <br>"5922073"   "5923756"  <br>"5931948"   "5960080"  <br>"6002767"   "6064979"  <br>"6065120"   "6115621"  <br>"6128735"   "6134661"  <br>"6199079").FN. | US-POPUB;<br>USPAT; USOCR                               | OR | ON | 2007/01/05<br>10:50 |
|------|------|---|---|----|----|---------------------|
| S99  | 6    | ("20030037138"  <br>"20030218627"   "5508690"  <br>"5805911"   "6442607"  <br>"6795856").PN.  | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2007/01/05<br>12:17 |
| S100 | 1854 | (encrypt\$3 encod\$3) with<br>(sensitive adj (data<br>information))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/05<br>12:18 |
| S101 | 60   | (encrypt\$3 encod\$3) with<br>(sensitive adj (data<br>information)) and (non adj<br>(sensitive adj (data<br>information)))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/05<br>12:18 |
| S102 | 9    | (encrypt\$3 encod\$3) with<br>(sensitive adj (data<br>information)) and (non adj<br>(sensitive adj (data<br>information))) and @ay<"2000"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/05<br>12:24 |
| S103 | 2742 | (predefined adj pattern)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/05<br>12:24 |
| S104 | 3    | (predefined adj pattern) and<br>(determin\$3 identif\$3) with<br>(sensitive adj (data<br>information))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/05<br>12:25 |
| S105 | 7    | (predefined adj pattern) and<br>(determin\$3 identif\$3) same<br>(sensitive adj (data<br>information))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/05<br>12:25 |
| S106 | 195  | (sensitive adj (data<br>information)) same((non adj<br>sensitive) adj (data<br>information))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/05<br>12:59 |
| S107 | 60   | (sensitive adj (data<br>information)) same((non adj<br>sensitive) adj (data<br>information)) and ((encrypt\$3<br>encod\$3) with (sensitive adj<br>(data information)))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DEPWENT;<br>IBM_TDB | OR | ON | 2007/01/05<br>13:00 |

| S108 | 9    | (sensitive adj (data<br>information)) same((non adj<br>sensitive) adj (data<br>information)) and ((encrypt\$3<br>encod\$3) with (sensitive adj<br>(data information))) and<br>@ay<"2000" | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/05<br>13:06 |
|------|------|--|---|----|-----|---------------------|
| S109 | 3392 | (encrypt\$3 encod\$3) with<br>(credit adj card)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/05<br>13:06 |
| S110 | 644  | (encrypt\$3 encod\$3) near<br>(credit adj card)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/05<br>13:06 |
| S111 | 72   | (encrypt\$3 encod\$3) near<br>(credit adj card) and (sensitive<br>adj (data information))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/05<br>13:08 |
| S112 | 19   | (encrypt\$3 encod\$3) near<br>(credit adj card) and (sensitive<br>adj (data information)) and<br>@ay<"2000"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/05<br>13:23 |
| S113 | 17   | (transaction query request) with<br>(encrypted adj sensitive adj<br>(data information))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/05<br>13:24 |
| S114 | 1    | ("6185681").PN.  | USPAT   | OR | OFF | 2007/11/08<br>14:31 |
| S115 | 90   | ("6233565").URPN.  | USPAT   | OR | ON  | 2007/11/08<br>12:41 |
| S116 | 1    | ("6584567").PN.  | USPAT   | OR | OFF | 2007/11/08<br>14:32 |
| S117 | 1    | ("6584567").PN.  | USPAT   | OR | OFF | 2007/11/09<br>11:27 |
| S118 | 9    | (predefined adj pattern) and<br>(determin\$3 identif\$3) same<br>(sensitive adj (data<br>information))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/11/09<br>11:27 |

| S119 | 26  | (("5142272") or ("5463702") or   | USPAT   | OR   | OFF | 2008/04/25          |
|------|-----|--|---|------|-----|---------------------|
|      |     | ["5825917") or ("59563642") or ("59963642") or ("6021198") or ("6094485") or ("6098493") or ("6038903") or ("6233577") or ("63521201") or ("6473802") or ("65523393") or ("6619365") or ("65633393") or ("6615276") or ("669302") or ("6678733") or ("6681327") or ("6914427") or ("6914427") or ("6914427") or ("7914427") or ("7914427") or ("73737143") or ("7272229") or ("73256699") or ("7325129")). FN.   |   |      |     | 10:22               |
| S120 | 7   | ((sensitive adj data) with quer<br>\$2) same encrypt\$3  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2008/04/25<br>10:47 |
| S121 | 186 | "447890" "447891" "447871" "4725716" "447870" "4725716" "4725716" "4743747" "4725716" "4775246" "4775246" "4775246" "4825053" "4825053" "4825053" "4825053" "4825055" "4825065" "4825065" "4825065" "4825065" "4825065" "4825065" "4825065" "4825065" "4825065" "4825065" "4825065" "4825065" "4825065" "518245" "518245" "518245" "518245" "518245" "518245" "518245" "518245" "518245" "518254" "5233531" "5224046" "5233531" "5224046" "5233531" "5243654" "5224046" "5257196" "5243654" "5257196" "5243654" "5257196" "5243654" "5257196" "5245654" "5264565" "5264565" "5264565" "5264565" "55860567" "55802785" "55802785" "55802785" "55802785" "5580265" "5580 | US-PGPUB;<br>USPAT; USOCR                               | OR . | ON  | 2008/04/25<br>11:21 |

|      |   | "5819240"   "5835087"  <br>"5850446"   "5889863").PN. OR<br>("6233565").URPN. |   |    | *************************************** |                     |
|------|---|---|---|----|---|---------------------|
| S122 | 2 | "20020015497"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON                                      | 2008/04/25<br>12:33 |
| S123 | 4 | "20020100036"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON                                      | 2008/04/25<br>12:33 |
| S124 | 3 | "20030046572"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON                                      | 2008/04/25<br>12:33 |
| S125 | 2 | "20040255140"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON                                      | 2008/04/25<br>12:34 |
| S126 | 2 | "20050004924"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON                                      | 2008/04/25<br>12:34 |
| S127 | 2 | "20060041533"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON                                      | 2008/04/25<br>12:34 |
| S128 | 2 | "20060149962"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON                                      | 2008/04/25<br>12:34 |
| S129 | 2 | "20070074047"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON                                      | 2008/04/25<br>12:35 |
| S130 | 2 | "20070079140"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON                                      | 2008/04/25<br>12:35 |
| S131 | 2 | "20070079386"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON                                      | 2008/04/25<br>12:35 |

| S132 | 3  | "11341060"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON   | 2008/04/25<br>12:37 |
|------|----|--|---|------|------|---------------------|
| S133 | 58 | ("2002009936"   "2002012185"   "20030191737"   "20030191957"   "5787436"   "5889943"   "5924094"   "6085224"   "6088603"   "6185567"   "6226786"   "6235618"   "6314456"   "6245300"   "6314456"   "6245300"   "6391225"   "6484149"   "6564569"   "6591266"   "6615242"   "6721721"   "6757830"   "6804662"   "648000"   "6383041"   "698645"   "6061677"   "6995244"   "6141759"   "6199113").FN.  | US-PGPUB;<br>USPAT; EPC;<br>JPC;<br>DERWENT;<br>IBM_TDB | OR   | ON . | 2009/03/19<br>09:52 |
| S134 | 11 | "705".clas. and (storing with<br>(encrypt\$3 adj password)) and<br>database and transaction  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON   | 2009/03/20<br>07:04 |
| S135 | 2  | "705".clas. and (storing with<br>(encrypt\$3 adj password)) and<br>database and transaction and<br>@ad<"20010104"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON   | 2009/03/20<br>07:04 |
| S136 | 2  | (("5241594") or ("6529885")).<br>PN.   | US-PGPUB;<br>USPAT                                      | OR   | OFF  | 2009/03/20<br>07:17 |
| S137 | 28 | ("6529885").URPN.  | USPAT   | OR   | ON   | 2009/03/20<br>07:35 |
| S138 | 72 | ["20020015497"   "200201036"   "20030039362"   "20030046572"   "20030046572"   "20040055140"   "2005004924"   "20050041533"   "20060149962"   "20070079140"   "560542"   "5895917"   "5463702"   "5895917"   "5463702"   "5895917"   "5463702"   "5895917"   "5605135"   "6519365"   "602135"   "6519365"   "6640302"   "667333"   "6619427"   "6941459"   "6981532"   "6519677"   "6915427"   "6941459"   "7325129"   "7272229"   "7325129"   "N. | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DEFWENT;<br>IBM_TDB | OA . | ON   | 2009/03/20<br>09:11 |

| S139  | 53 | ((secur\$4 near3 stor\$4) with<br>server) AND ((client with<br>server) with proxy) AND<br>(@ad<"20010104")   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/20<br>10:18 |
|-------|----|--|---|----|-----|---------------------|
| S140  | 11 | ((secur\$4 near3 stor\$4) with<br>server) AND ((client with<br>server) with proxy) and cookie<br>AND (@ad<"20010104")  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/20<br>10:19 |
| S141  | 44 | ("2001003958?"   "5245656"   "5586260"   "5671279"   "5578362"   "567740252"   "5708780"   "57740252"   "5708780"   "57740252"   "5704890"   "5825890"   "5805803"   "5825890"   "5802602"   "5826242"   "5805803"   "5802420"   "5802602"   "5826242"   "5807679"   "5933827"   "5976799"   "5933827"   "5976799"   "5933827"   "5976799"   "5987454"   "5991795"   "6052776"   "6049877"   "6052785"   "6105027"   "6128627"   "6131095"   "614996"   "6182141"   "6253326"   "6330561"   "6389460"   "6487538") FN. OR ("7146505").   UFPN. OR  | US-PGPUB;<br>USPAT; USOCR                               | ÓЯ | ON  | 2009/03/20          |
| S142  | 3  | (("6985953") or ("6311269") or<br>("7430757")).PN.   | US-PGPUB;<br>USPAT                                      | OR | OFF | 2009/03/23<br>09:35 |
| \$143 | 18 | ("5530852"   "5678041"   "5729594"   "5875296"   "5933811"   "59673915"   "5987440"   "6049877"   "6226752"   "6233577"   "6314521"   "6341353"   "6385596"   "6411998"   "660119"   "669113")   "6601169"   "669113")   "6601169"   "669113")   "8601169"   "669113")   "8601169"   "669113")   "8601169"   "669113")   "8601169"   "669113")   "8601169"   "669113"   "8601169"   "669113"   "8601169"   "669113"   "8601169"   "669113"   "8601169"   "8601169"   "869113"   "8601169"   "86011 | US-POPUB;<br>USPAT; USOCR                               | OR | ON  | 2009/03/23<br>09:54 |
| S144  | 29 | ("5623601"   "5706434"  <br>"5764750"   "5781550").PN. OR<br>("6584567").URPN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON  | 2009/03/23<br>13:40 |
| S145  | 61 | ("2002001 2473"   "2002001 5497"   "2002001 5911"   "2002001 5911"   "20020039420"   "20020039420"   "20020073232"   "20020073232"   "20020112167"   "20030014650"   "20030097428"   "2003011355"   "20030123671"   "20030156719"  | US-PGPUB;<br>USPAT; USOCR                               | OR | ON  | 2009/03/23<br>13:45 |

|      |     | ("5052040"   "5311595"  | US-PGPUB;<br>USPAT; USOCR                               | OR | ON  | 2009/03/23<br>15:06 |
|------|-----|---|---|----|-----|---------------------|
| 3152 | 1   | ("7111005").PN.   | US-PGPUB;<br>USPAT                                      | OR | OFF | 2009/03/23<br>14:54 |
| 3151 | 7   | (("5442699") or ("6360324") or<br>("6968456") or ("6981141") or<br>("20040230792") or<br>("20040255133") or<br>("20050044366")).PN.   | US-PGPUB;<br>USPAT                                      | OR | OFF | 2009/03/23<br>14:42 |
| 3150 | 28  | "5442699"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/23<br>14:41 |
| S149 | 0   | ("2007/0294539").URPN.  | USPAT   | OR | ON  | 2009/03/23<br>14:40 |
| S148 | 19  | (proxy gateway) with (sensitive)<br>and ((stor\$3 archiv\$4) with<br>(encrypt\$3 with sensitive)) and<br>ad<"20010104"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/23<br>14:31 |
| 3147 | 118 | (proxy gateway) with (sensitive)<br>and ((stor\$3 archiv\$4) with<br>sensitive) and ad<"20010104"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/23<br>14:30 |
| 146  | 7   | ("2004/0015725").URPN.  | USPAT   | OR | ON  | 2009/03/23<br>14:24 |
|      |     | "20030197733"   "20030204513"   "20030204513"   "20040015725"   "4386416"   "4964164"   "5222133"   "5555712"   "5734744"   "5764235"   "5923756"   "6021198"   "5923756"   "6021198"   "6061598"   "6081900"   "6094485"   "6081906"   "6105012"   "6154542"   "6202157"   "6216212"   "6237033"   "6236926"   "62393730"   "6396926"   "63597330"   "6396926"   "6598167"   "6577661"   "6502135"   "6578061"   "6598167"   "6587866"   "6598167"   "6787333"   "6787687"   "6788800"   "6784769"   "6788810"   "6784769"   "6788810"   "6784769"   "6788810"   "6894165"   "6788810"   "6994165"   "6994169"   "6994169"   "699800"   "699600") .FN. |   |    |     |                     |

| S154 | 43  | (proxy gateway) with (cookie)<br>and ((stor\$3 archiv\$4) with<br>(encrypt\$3 with cookie)) and<br>ad<"20010104"                               | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/24<br>06:52 |
|------|-----|--|---|----|-----|---------------------|
| S155 | 12  | (proxy gateway) with (cookie)<br>and ((stor\$3 archiv\$4) with<br>(encrypt\$3 with cookie)) and<br>@ad< "20010104"                             | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/24<br>06:52 |
| S156 | 1   | ("20040078294").PN.  | US-PGPUB;<br>USPAT                                      | OR | OFF | 2009/03/24<br>07:23 |
| S157 | 42  | ((proxy gateway) with (send\$4<br>sent forward\$4) with cookie)<br>and @ad<"20010104"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/24<br>10:11 |
| S158 | 12  | ((proxy gateway) with decrypt<br>\$4 with cookie) and ((proxy<br>gateway) with (send\$4 sent<br>fonward\$4) with cookie) and<br>@ad<"20010104" | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/24<br>10:33 |
| S159 | 0   | ("(compar\$3with(encrypt<br>\$3withpassword))<br>and@ad<20010104").PN.   | US-PGPUB;<br>USPAT                                      | OR | OFF | 2009/03/24<br>10:58 |
| S160 | 133 | (compar\$3 with (encrypt\$3 with<br>password))and<br>@ad< "20010104"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/24<br>10:58 |
| S161 | O   | ((proxy gateway) with encrypt<br>\$3 with password) and (compar<br>\$3 with (encrypt\$3 with<br>password))and<br>@ad<"20010104"                | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/24<br>10:59 |
| S162 | 0   | ((proxy gateway) with encrypt<br>\$3 with password) and (compar<br>\$3 with (encrypt\$3 with<br>password)) and<br>@ad<"20010104"               | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/24<br>10:59 |
| S163 | 1   | ("7111005").PN.  | US-PGPUB;<br>USPAT                                      | OR | OFF | 2009/11/19<br>10:02 |
| S164 | 2   | ("7111005").URPN.  | USPAT   | OR | ON  | 2009/11/19<br>10:59 |

| S165 | 34 | ["20020023108"   "20020023108"   "20020099812"   "20020099812"   "5640577"   "5712979   "5764910"   "5794207"   "5794259"   "5890138"   "5915022"   "5956699"   "5960411"   "5074207"   "591740"   "6006197"   "6016504"   "6023141"   "6035281"   "6125352"   "6157917"   "6199079"   "6237031"   "6253228"   "6285776"   "625328"   "6285776"   "6390520"   "6532492"   "6535880"   "6532492"   "6535880"   "6532492"   "6535880"   "891028" | US-POPUB;<br>USPAT; USOCR | OR | <u>0</u> | 2009/11/19<br>11:00 |
|------|----|--|---------------------------|----|----------|---------------------|
| S166 | 7  |  | US-PGPUB;<br>USPAT; USOCR | OR | ON       | 2009/11/19<br>11:14 |
| S167 | 34 | ("5623601"   "5706434"  <br>"5764750"   "5781550").PN. OR<br>("6584567").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | ON       | 2009/11/19<br>11:23 |

## 11/20/2009 3:15:29 PM

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